

AMENDMENTS TO THE SPECIFICATION

Please amend paragraph 0048 (page 11 lines 9-14) as follows:

B. When the shape memory effect alloy is in a martensitic condition, the stent is malleable and can be deformed into a straight wire W (see FIG. 2). Typically, the wire has a diameter of 0.3 mm and is arranged ~~to convert from martensite to~~ convert from martensite to austenite at or ~~slightly above 37 degree C~~ slightly above 37 degrees C. Such conversion causes the substantially straight ~~length of wire W as illustrated~~ length of wire W as illustrated in FIG. 2 to convert to the shape illustrated in FIG. 1 after release by the delivery system at the desired placement site, as will be described hereinafter.

Please amend paragraph 0049 (page 11 lines 16-23) as follows:

Referring now to FIGS. 2 to 4, the delivery system illustrated therein comprises a catheter 20 having a distal end 22 and a proximal end 24. At its distal end 22, the catheter 20 is closed by a compliant elastomer guide/seal member 26 having a spherically rounded end with a central bore 28 therethrough receiving a distal end of the wire W. ~~A proximal end of the~~ A proximal end of the wire W is a friction fit within a stainless steel connector bush (see particularly FIG. 4) within the catheter 20. The connector bush 30 also receives a stainless steel pusher wire 32 extending out of the proximal end 24 of the catheter 20. The catheter 20 is provided with cooling liquid inlet and outlet ports 34 and 36, respectively.

Please amend paragraph 0057 (page 14 lines 9-14) as follows:

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When implanted, the planar anchor portions 10 and 12 will be distorted by the walls of the vessels ~~in which the are implanted;~~ in which they are implanted, yielding an implant which has either two conical anchor portions, two flat anchor portions, or one flat and one conical anchor portion. In all cases, the implant will have been stretched longitudinally and its elastic recoil will ensure that the implant has adopted the minimum length possible within the anatomy and that it therefore projects as little as possible into the. vessels on either side of the implant.